

August 21, 1939 #1

Left Albuquerque to finish up the lower waters. Mileage 17152.

WJK39-08-21-01

Secured the Pecos river at Santa Rosa just above the tower. The water is white and turbid, the current moderate to strong. The bottom over most of the area is silt and sand with occasional boulders. One well-defined riffle had a rubble and bed-rock bottom. The width is from 50 to 100 feet wide and up to four feet deep. There are many sand and silt bars in the sand-silt area. A. 90 W84T 2110²⁴

In the rocky riffle

Rhinichthys cataractae in rocky riffle

Ictalurus punctatus " " " in fast water.

Platygobio " " "

Hyporhamphus aestivalis " " "

Notropis sp. " " "

Phenacobius mirabilis " " "

Notropis lutrensis in slack water in riffles

August 21, 1939 #3

WJK39-08-21-02

Also seined the Pecos river below Pilia.

At this point the stream seems to have 2 to three times as much water as farther down. It has about 'steen times as much ~~so~~ mud in suspension. It is extremely turbid, the bottom but little thicker. Bottom soft mud and silt. Some sand and gravel in the more rapid places.

The current is moderate to strong. A 80 W 76 at 4:20 PM.

Fish were scarce. We had to work hard for what we got. One Tigoma pulchellus was lost. No Hypopsis aestivalis were noted. A few were taken last time we were here. Ditto for suckers. The area was not especially well seined but the bottom was treacherous and much plant material in small fragments filled the pores of the net so rapidly that we could not go far.

August 21, 1939 #2

in the more quiet pools and sandy ripples.
Armenius melas ocellatus under boulders in pools.

Hypognathus

Pimphales promelas confertus

young were in little cut off pools.

Tigania - in pools but near potter's water.

Notropis species.

Astyanax 2 spec. one at the

end of the rocky riffle, the other in a deep
pool with a moderate current.

Several species were ripe.

Hypognathus ♂ + ♀.

Platygobis ♂ + ♀

Notropis lutrensis ♂

Notropis species ♂ + ♀